

Attorney Docket No.: 01-791 71767

Amendment dated August 8, 2006 Reply to Office action of May 17, 2006

Application No. 10/099,815

Attorney Ref.: VTA03-29

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AUG 08 2006**AMENDMENTS TO THE CLAIMS**

The listing of claims will replace all prior versions, and listings, of claims in the application:

**Listing of Claims:**

1. (Currently Amended) A method of time division multiplexing for a forward data packet channel comprising:

encoding parallel data sub-packets into parallel streams of turbo codes;

interleaving each of the parallel streams of turbo codes to generate parallel streams of quasi-complementary turbo codes;

modulating the parallel streams of quasi-complementary turbo codes to generate parallel streams of modulated data symbols; and

multiplexing the parallel streams of modulated data symbols by ~~one of~~  
~~multiplexing and non-complete puncturing~~ to generate a single stream of modulation symbols, wherein the non-complete puncturing punctures a first set of data sub-packets into a second set of data sub-packets without occupying payload of the second set of data sub-packets.

2. (Original) The method of Claim 1 further comprising demultiplexing the single stream of modulation symbols into multiple in-phase and quadrature data streams.